

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Serguei Sviridov et al.

Application No./Patent No.: 10/567,009 Filed/Issue Date: January 30, 2006

Entitled: PIPERAZINE DERIVATIVES AND THEIR USE AS THERAPEUTIC AGENTS

Xenon Pharmaceuticals Inc.

(Name of Assignee)

a

corporation

(Type of Assignee, e.g., corporation, partnership,  
university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest in;
2. ☐ an assignee of less than the entire right, title and interest in  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_%); or
3. ☐ the assignee of an undivided right, title and interest in the entirety of (a complete assignment from one or more of the joint inventors was made)

the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above.  
The assignment was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: \_\_\_\_\_

To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_

To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_

To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

- ☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Tarek S. Mansour  
Signature

June 23, 2011  
Date

Tarek S. Mansour

Typed or printed name

Executive Vice President,  
Research & Development

Title

## ASSIGNMENT

WHEREAS, we, **Serguei Sviridov**, having a residence address of 1904-5885 Olive Avenue, Burnaby, British Columbia, Canada V5H 4N8; **Vishnumurthy Kodumuru**, having a residence address of 211-6577 Royal Oak Avenue, Burnaby, British Columbia, Canada V5H 3P3; **Shifeng Liu**, having a residence address of 15-2615 Fortress Drive, Port Coquitlam, British Columbia, Canada V3C 6E8; **Michael D. Winther**, having a residence address of 1935 West 4<sup>th</sup> Avenue, Vancouver, British Columbia, Canada V6J 2K1; **Heinz W. Gschwend**, having a residence address of 161 Meadowcroft Way, Santa Rosa, California 95403; **Rajender Kamboj**, having a residence address of 5809 Sperling Avenue, Burnaby, British Columbia, Canada V5E 2T6; and **Shaoyi Sun**, having a residence address of 407-1029 East Broadway, Vancouver, British Columbia, Canada V5T 1Y8 (hereinafter collectively referred to as **ASSIGNORS**), are joint inventors with Melwyn Abreo, Mark W. Holladay, Wenbao Li and Chi Tu of an invention entitled "**PIPERAZINE DERIVATIVES AND THEIR USE AS THERAPEUTIC AGENTS**," as described and claimed in the specification for which a PCT international application was filed in the U.S. Receiving Office of the PCT on July 29, 2004, and which was assigned PCT International Application No. PCT/US2004/024658; and

WHEREAS, said PCT international application claims priority to U.S. Provisional Patent Application No. 60/491,095, filed on July 30, 2003; and

WHEREAS, **Xenon Pharmaceuticals Inc.**, (hereinafter referred to as **ASSIGNEE**), formerly known as Xenon Genetics Inc., a corporation incorporated under the laws of Canada, having a place of business at 3650 Gilmore Way, Burnaby, British Columbia, Canada V5G 4W8, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, **ASSIGNORS** hereby sell, assign and transfer unto said **ASSIGNEE** their entire right, title and interest in and to said invention, said PCT international application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of **ASSIGNEE** and to claim priority rights deriving from said United States provisional applications to which said foreign applications are entitled by virtue of

international convention, treaty or otherwise, said invention, PCT international application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

This Assignment is made effective as of July 30, 2003.

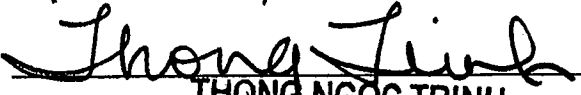
Sept. 24, 2004  
Date of Signature

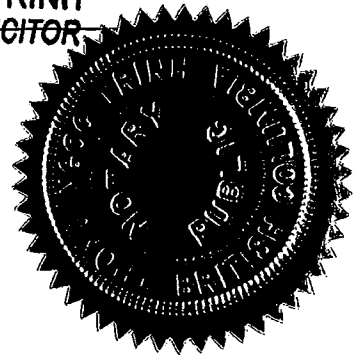
  
Serguei SVIRIDOV

City of Bumaby )  
Province of B.C. )

ss.

I certify that I know or have satisfactory evidence that Serguei Sviridov is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Sept. 24, 2004  
Signature of   
Notary Public  
Printed Name THONG NGOC TRINH  
BARRISTER & SOLICITOR  
My appointment does not expire.



Sept 24, 04  
Date of Signature

K. Vishnumurthy  
Vishnumurthy KODUMURU

City of Burnaby  
Province of B.C.

ss.

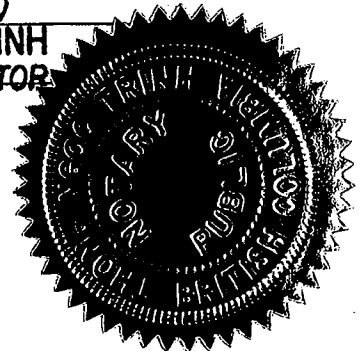
I certify that I know or have satisfactory evidence that Vishnumurthy Kodumuru is the person who appeared before me, and said person acknowledged that he/she signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Sept. 24, 2004

Signature of  
Notary Public Thong Trinh

Printed Name THONG NGOC TRINH  
BARRISTER & SOLICITOR

My appointment does not expire.



09/24/04  
Date of Signature

Shifeng Liu  
Shifeng LIU

City of Burnaby )  
Province of B.C. )

ss.

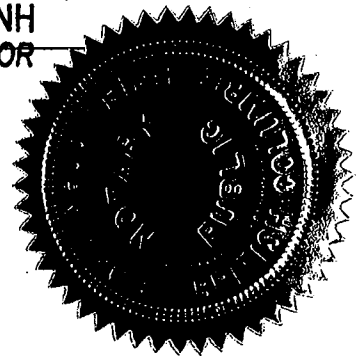
I certify that I know or have satisfactory evidence that Shifeng Liu is the person who appeared before me, and said person acknowledged that he/she signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Sept. 24, 2004

Signature of Notary Public Thong Trinh

Printed Name THONG NGOC TRINH  
BARRISTER & SOLICITOR

My appointment does not expire.



Sept 24, 2004  
Date of Signature

Michael D. Winther  
Michael D. WINTHER

City of Burnaby )  
Province of B.C. )

ss.

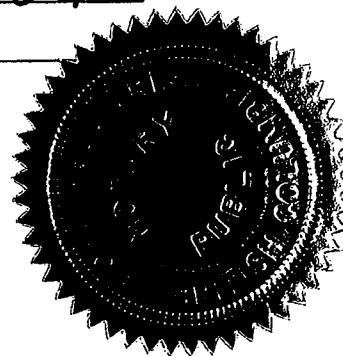
I certify that I know or have satisfactory evidence that Michael D. Winther is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Sept. 24, 2004

Signature of Notary Public Thong Trinh

Printed Name THONG NGOC TRINH  
BARRISTER & SOLICITOR

My appointment does not expire.



Oct. 05, 2004  
Date of Signature

Heinz W. Gschwend  
Heinz W. GSCHWEND

City of Burnaby )  
Province of B.C. )

ss.

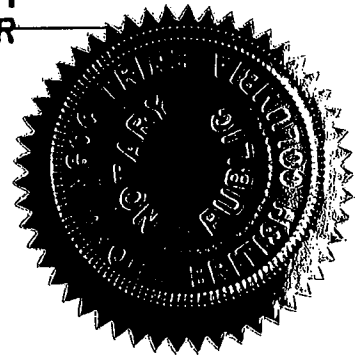
I certify that I know or have satisfactory evidence that Heinz W. Gschwend is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Oct 5, 2004

Signature of Notary Public Thong Trinh

Printed Name THONG NGOC TRINH  
BARRISTER & SOLICITOR

My appointment does not expire.



Sept 24/04  
Date of Signature

Rajender Kamboj  
Rajender KAMBOJ

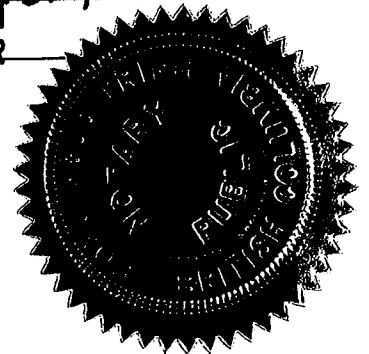
City of Burnaby )  
Province of B.C. )

ss.

I certify that I know or have satisfactory evidence that Rajender Kamboj is the person who appeared before me, and said person acknowledged that he/she signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Sept. 24, 2004  
Signature of Thong Trinh  
Notary Public THONG NGOC TRINH  
Printed Name BARRISTER & SOLICITOR

My appointment does not expire.





09/24/04  
Date of Signature

an sun  
Shaoyi SUN

City of Burnaby  
Province of B.C.

ss.

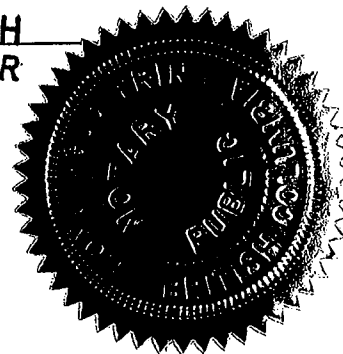
I certify that I know or have satisfactory evidence that Shaoyi Sun is the person who appeared before me, and said person acknowledged that he/she signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Sept. 24, 2004

Signature of Notary Public Thong Vinh

Printed Name THONG NGOC TRINH  
BARRISTER & SOLICITOR

My appointment does not expire.



980057.415PC 507573\_1.DOC

## ASSIGNMENT

WHEREAS, we, **Melwyn Abreo**, having a residence address of 3373 Armagosa Way, Jamul, California 91932; **Mark W. Holladay**, having a residence address of 11371 Woodcraft Way, San Diego, California 92131; **Wenbao Li**, having a residence address of 11674 Castile Way, San Diego, California 92128; and **Chi Tu**, having a residence address of 5269 Quaker Hill Lane, San Diego, California 92130 (hereinafter collectively referred to as **ASSIGNORS**), are joint inventors with Serguei Sviridov, Vishnumurthy Kodumuru, Shifeng Liu, Michael D. Winther, Heinz W. Gschwend, Rajender Kamboj and Shaoyi Sun, of an invention entitled "**PIPERAZINE DERIVATIVES AND THEIR USE AS THERAPEUTIC AGENTS**," as described and claimed in the specification for which a PCT international application was filed in the U.S. Receiving Office of the PCT on July 29, 2004, and which was assigned PCT International Application No. PCT/US2004/024658; and

WHEREAS, said PCT international application claims priority to U.S. Provisional Patent Application No. 60,491,095, filed July 30, 2003; and

WHEREAS, **Discovery Partners International, Inc.** (hereinafter referred to as **ASSIGNEE**), is a Delaware corporation having a place of business at 9640 Towne Centre Drive, San Diego, California 92121.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, **ASSIGNORS** hereby sell, assign and transfer unto said **ASSIGNEE** their entire right, title and interest in and to said invention, said PCT international application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of **ASSIGNEE** and to claim priority rights deriving from said United States provisional applications to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, PCT international application and all letters patent on said invention to be held and enjoyed by **ASSIGNEE** and its successors and assigns as fully and entirely as the same would have been held and enjoyed by **ASSIGNORS** had this assignment, transfer and sale not been made. **ASSIGNORS** agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

This Assignment is made effective as of July 30, 2003.

3<sup>rd</sup> Sept 2004  
Date of Signature

Melwyn Abreo  
Melwyn ABREO

State of California )  
County of San Diego )

SS.



I certify that I know or have satisfactory evidence that Melwyn Abreo is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

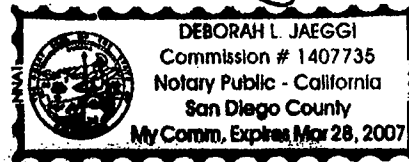
Dated 03, September 2004  
Signature of Notary Public Deborah L. Jaeggi  
Printed Name Deborah L. Jaeggi  
My appointment expires March 28, 2007

03 Sept 2004  
Date of Signature

Mark W. Holladay  
Mark W. HOLLADAY

State of California)  
County of San Diego)

SS.



I certify that I know or have satisfactory evidence that Mark W. Holladay is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 03, September 2004  
Signature of Notary Public Deborah L. Jaeggi  
Printed Name Deborah L. Jaeggi  
My appointment expires March 28, 2007

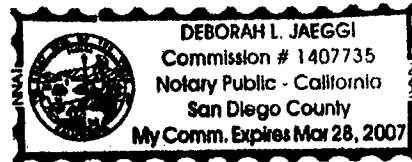
03. sept 2004

Date of Signature

  
Wenbao LI

State of California )  
County of San Diego )

ss.



I certify that I know or have satisfactory evidence that Wenbao Li is the person who appeared before me, and said person acknowledged that he/she signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 03, September, 2004

Signature of  
Notary Public Deborah L. Jaeggi

Printed Name Deborah L. Jaeggi

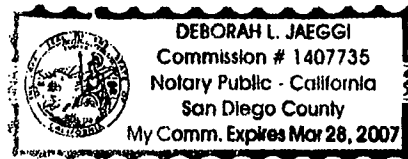
My appointment expires March 28, 2007

03 September, 2004  
Date of Signature

*Chi Tu*  
Chi TU

State of California)  
County of San Diego)

SS.



I certify that I know or have satisfactory evidence that Chi Tu is the person who appeared before me, and said person acknowledged that he/she signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 03, September, 2004  
Signature of Notary Public Deborah L. Jaeggi  
Printed Name Deborah L. Jaeggi  
My appointment expires March 28, 2007

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## ASSIGNMENT

WHEREAS, **Xenon Pharmaceuticals Inc.** (hereinafter referred to as ASSIGNEE), formerly known as Xenon Genetics Inc., a corporation incorporated under the laws of Canada, having a place of business at 3650 Gilmore Way, Burnaby, British Columbia, Canada V5G 4W8, is desirous of acquiring the entire right, title and interest in and to the invention entitled **"PIPERAZINE DERIVATIVES AND THEIR USE AS THERAPEUTIC AGENTS,"** as described and claimed in the specification for which a PCT international application was filed in the U.S. Receiving Office of the PCT on July 29, 2004, and which was assigned PCT International Application No. PCT/US2004/024658; and

WHEREAS, said PCT international application claims priority to U.S. Provisional Patent Application No. 60/491,095 filed July 30, 2003; and

WHEREAS, **Discovery Partners International, Inc.** (hereinafter referred to as ASSIGNOR), is a Delaware corporation having a place of business at 9640 Towne Centre Drive, San Diego, California 92121.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE its entire right, title and interest in and to said invention, said PCT international application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States provisional applications to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, PCT international application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and

foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Discovery Partners International, Inc.

By: [Signature]

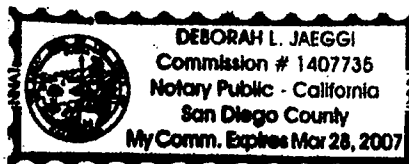
Print Name: Taylor J. Crouch

Title: President & Chief Operating Officer

Date: 14 September 2004

City of San Diego )  
County of San Diego )

ss.



I certify that I know or have satisfactory evidence that Taylor J. Crouch is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 14 September 2004

Signature of Notary Public Deborah L. Jaeggi

Printed Name Deborah L. Jaeggi

My appointment expires March 28, 2007